

# MATERIAL SAFETY DATA SHEET

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SECTION I		
<b>MANUFACTURER'S NAME</b> <b>BANDINI FERTILIZER COMPANY</b>		<b>EMERGENCY TELEPHONE NO.</b> <b>CHEMTREC</b> <b>(800) 424-9300</b> <b>MANUFACTURER</b> <b>(213) 263-7391</b>
<b>ADDRESS (Number, Street, City, State and Zip Code)</b> <b>4139 BANDINI BLVD., LOS ANGELES, CA 90023</b>		
<b>CHEMICAL NAME AND SYNONYMS</b>  <div style="text-align: center;">SEE SECTION II</div>	<b>TRADE NAME AND SYNONYMS</b>  <div style="text-align: center;">6-10-4 GRO RITE</div>	
<b>CHEMICAL FAMILY</b> 97% INORGANIC SALTS 3% ORGANIC SALTS	<b>CHEMICAL FORMULA</b>  <div style="text-align: center;">N/A</div>	
<b>HAZARD CLASS</b> <div style="text-align: center;">NON-HAZARDOUS</div>	<b>IDENTIFICATION NO.</b>  <div style="text-align: center;">NONE</div>	<b>PLACARD/LABEL REQUIRED</b>  <div style="text-align: center;">NONE</div>
SECTION II - HAZARDOUS INGREDIENTS		
<b>TYPICAL ANALYSIS</b>		
	<b>WT. %</b>	<b>CAS #</b>
TREBLE SUPERPHOSPHATE	23.00	65996-95-4
AMMONIUM SULFATE	22.75	7783-20-2
MURIATE OF POTASH (KCL)	9.75	7447-40-7
GYPSUM	27.50	10101-41-4
UREA	3.00	57-13-6
SUL-PO-MAG	2.50	14977-37-8
20-5-10 (MIRACLE)	2.50	N/A
GRANUSOL	4.00	1309-37-1
PLASTER	5.00	N/A
SECTION III - PHYSICAL DATA		
<b>BOILING POINT (°F.)</b> <div style="text-align: center;">N/A</div>	<b>SPECIFIC GRAVITY (H<sub>2</sub>O=1)</b> <div style="text-align: center;">N/A</div>	
<b>VAPOR PRESSURE (mmHg.)</b> <div style="text-align: center;">N/A</div>	<b>PERCENT VOLATILE BY VOLUME (%)</b> <div style="text-align: center;">N/A</div>	
<b>VAPOR DENSITY (AIR = 1)</b> <div style="text-align: center;">N/A</div>	<b>EVAPORATION RATE (_____ =1)</b> <div style="text-align: center;">N/A</div>	
<b>SOLUBILITY IN WATER</b> <div style="text-align: center;">APPRECIABLE</div>		
<b>APPEARANCE AND ODOR</b> <div style="text-align: center;">GRANULES</div>		

SECTION IV - FIRE AND EXPLOSION HAZARD DATA		
<b>FLASH POINT (METHOD USED)</b> <div style="text-align: center;">NON-FLAMMABLE</div>	<b>FLAMMABLE</b> N/A	<b>LIMITS</b> N/A
<b>EXTINGUISHING MEDIA</b> USE SUITABLE AGENT SUCH AS WATER, DRY POWDER, FOAM, OR CO <sub>2</sub>		
<b>SPECIAL FIRE FIGHTING PROCEDURES</b> APPROVED SELF-CONTAINED BREATHING APPARATUS FOR FIRE FIGHTERS.		
<b>UNUSUAL FIRE AND EXPLOSION HAZARDS</b> AT DECOMPOSING TEMPERATURES TOXIC GASES OF AMMONIA, IRON FUMES, TRACES OF FLUORINE CAN BE LIBERATED.		

6-10-4 GRO-RITE

### SECTION V - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE

NUISANCE DUST: 10 Mg/M<sup>3</sup>; IRON SULFATE: AS IRON 1Mg/M<sup>3</sup> - ACGIH 1992

EFFECTS OF OVEREXPOSURE

PROLONGED CONTACT MAYBE MILDLY TO MODERATELY IRRITATING TO SKIN, EYES AND RESPIRATORY MUCOUS MEMBRANES.

EMERGENCY AND FIRST AID PROCEDURES

SKIN - WASH WITH SOAP AND WATER. EYES - WASH FOR FIFTEEN (15) MINUTES OR UNTIL IRRITATION SUBSIDES. INGESTION - IF INGESTED GIVE LARGE AMOUNTS OF WATER. IF PERSON BECOMES ILL TAKE PERSON AND PRODUCT CONTAINER/LABEL TO THE NEAREST EMERGENCY TREATMENT CENTER OR HOSPITAL. NOT LISTED AS A CARCINOGEN BY OSHA OR NTP.

### SECTION VI - REACTIVITY DATA

STABILITY	UNSTABLE		CONDITIONS TO AVOID
	STABLE	X	AVOID MOISTURE AND HEAT. KEEP AWAY FROM MINERAL ACIDS

INCOMPATIBILITY (MATERIALS TO AVOID)

MINERAL ACIDS

HAZARDOUS DECOMPOSITION PRODUCTS

TOXIC GASES OF AMMONIA, IRON FUMES AND TRACES OF FLUORINE

HAZARDOUS POLYMERIZATION	MAY OCCUR		CONDITIONS TO AVOID
	WILL NOT OCCUR	X	

### SECTION VII - SPILL OR LEAK PRDCEURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

CLEAN SPILLS IMMEDIATELY, OBSERVE PRECAUTIONS IN SPECIAL PROTECTION SECTION IV. CONTAIN TO PREVENT ENTRY INTO SEWER OR WATER COURSE. WEAR PROTECTIVE CLOTHING, GLOVES AND EYE PROTECTION WHEN HANDLING THIS MATERIAL.

WASTE DISPOSAL METHOD

PLACE CONTAMINATED MATERIAL IN DISPOSABLE CONTAINERS AND DISPOSE OF IN A MANNER CONSISTENT WITH APPLICABLE REGULATIONS. ALWAYS CHECK WITH LOCAL HEALTH AUTHORITIES FOR APPROVED DISPOSAL METHODS. RECLAIM MATERIAL IF PRACTICABLE. WEAR PROTECTIVE GEAR AT ALL TIMES.

### SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Specify type)

USE NIOSHA/MSHA APPROVED DUST MASK.

VENTILATION OPEN	LOCAL EXHAUST	SPECIAL
	MECHANICAL (General)	OTHER

PROTECTIVE GLOVES

IMPERVIDUS PROTECTIVE GLOVES

EYE PROTECTION

CHEMICAL GOGGLES

OTHER PROTECTIVE EQUIPMENT

CHANGE CLOTHES DAILY, BATHE DAILY, WASH CLOTHING SEPARATELY BEFORE REUSE.

### SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

AVOID CONTACT WITH EYES AND SKIN, WASH THOROUGHLY AFTER HANDLING AND BEFORE EATING. STORE IN DRY COOL PLACE.

OTHER PRECAUTIONS

CORROSIVE TO COPPER AND ITS ALLOYS.

MATERIAL SAFETY DATA SHEET PREPARED: UPDATE 11/21/95

PREPARED BY BANDINI FERTILIZER COMPANY BY A. CERA (CHEMIST - IH)